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(12) **United States Patent**  
**Obradovich et al.**

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(54) **TECHNIQUE FOR EFFECTIVE  
ORGANIZATION AND COMMUNICATION  
OF INFORMATION**

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(75) Inventors: **Michael L. Obradovich**, San Clemente,  
CA (US); **Steven W. Schebesch**, Aliso  
Viejo, CA (US); **John D. Pirtle**,  
Silverado, CA (US); **Toby C. Crain**,  
Orange, CA (US)

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(73) Assignee: **Silver State Intellectual Technologies,  
Inc.**, Las Vegas, NV (US)

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patent is extended or adjusted under 35  
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*Primary Examiner* — Djenane Bayard

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(74) *Attorney, Agent, or Firm* — Klein, O'Neill & Singh,  
LLP

(65) **Prior Publication Data**

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(57) **ABSTRACT**

**Related U.S. Application Data**

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28, 2000, provisional application No. 60/224,448,  
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60/226,825, filed on Aug. 22, 2000.

In a communication arrangement in accordance with the  
invention, a server is employed to collect and organize infor-  
mation for mobile device users according to the user profiles,  
e.g., personal profile, business profile, vacation profile, etc.,  
which reflect different user personae. By using this arrange-  
ment, the user advantageously maintains only the necessary  
information in the mobile device and downloads any addi-  
tional information from the server on an as needed basis. In  
addition, the server is capable of serving mobile devices  
which may be incompatible to one another, thereby facilitat-  
ing an exchange of information between such devices. More-  
over, with the server, incoming messages for the user are  
organized and stored according to the source of the messages  
and the user criteria established in the user profiles. Further,  
information in a mobile device may be organized using elec-  
tronic information cards, referred to as "E-cards," which  
facilitate, among others, transfer of information from the  
mobile device to the server, or other mobile devices to con-  
duct various commercial and data transactions.

(51) **Int. Cl.**  
**G06F 15/16** (2006.01)

(52) **U.S. Cl.** ..... **709/203; 709/217; 709/218**

(58) **Field of Classification Search** ..... 709/224,  
709/217, 203, 211; 707/102; 705/27; 455/433,  
455/414; 701/203, 211

See application file for complete search history.

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**24 Claims, 20 Drawing Sheets**

